

計算せよ

Date _____

Name _____

$$(1) \quad \frac{8x + 6}{5} - \frac{-5x + 8}{2}$$

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$$(2) \quad \frac{2x - 5}{6} - \frac{5x - 8}{2}$$

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$$(3) \quad \frac{6x - 5}{4} - \frac{7x - 2}{3}$$

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計算せよ（解答）

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$$\begin{aligned}(1) \quad & \frac{8x+6}{5} - \frac{-5x+8}{2} \\ &= \frac{2(8x+6) - 5(-5x+8)}{10} \\ &= \frac{16x+12+25x-40}{10} \\ &= \frac{41x-28}{10}\end{aligned}$$

$$\begin{aligned}(2) \quad & \frac{2x-5}{6} - \frac{5x-8}{2} \\ &= \frac{(2x-5) - 3(5x-8)}{6} \\ &= \frac{2x-5-15x+24}{6} \\ &= \frac{-13x+19}{6}\end{aligned}$$

$$\begin{aligned}(3) \quad & \frac{6x-5}{4} - \frac{7x-2}{3} \\ &= \frac{3(6x-5) - 4(7x-2)}{12} \\ &= \frac{18x-15-28x+8}{12} \\ &= \frac{-10x-7}{12}\end{aligned}$$